



**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 1 -- Catchment Information**

Subwatershed: Horsepen Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 9 Grid: H7

State Plane Coordinates of Outfall Location: X: 1375004 Y: 488470

Closest Road Intersection to Outfall: Chapel Avenue and Railroad Avenue

Outfall SDI ID or Outfall Description: drains to beginning of stream running along railroad

Objective: Demonstration / Impairment(s) (Sheet 1) \_\_\_\_\_

Drainage Area (ac): 0.8 Impervious Area (ac): 0.5

Percent Impervious: 62% Soil Recharge Factor (S): 0.26

WQ<sub>v</sub> (required): 0.04 Re<sub>v</sub> (required): 0.01

Predominant Land Use: parking lot Mean Depth to Ground Water: >=5ft

Sanitary System:  Septic  Municipal Sewer Water Supply:  On Site Well  Public Water

**Storm Drainage System Within Catchment**

Piped: 0% Open Channels: 100%

Area Drained by System: 100%

Location in Catchment:  Headwaters  Middle  Lower  All

Open Channel Lining- Vegetation: 100% Riprap: 0% Concrete: 0% Other: 0%

**Existing IMP(s) / BMP(s)**

SDI ID: \_\_\_\_\_ Type (number from Sheets 4 & 5): \_\_\_\_\_ Age: \_\_\_\_\_

Closest Road Intersection to IMP / BMP: \_\_\_\_\_

Catchment Area Treated (ac) : \_\_\_\_\_ Percentage Catchment Treated: \_\_\_\_\_

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

SDI ID: \_\_\_\_\_ Type (number from Sheets 4 & 5): \_\_\_\_\_ Age: \_\_\_\_\_

Closest Road Intersection to IMP / BMP: \_\_\_\_\_

Catchment Area Treated (ac) : \_\_\_\_\_ Percentage Catchment Treated: \_\_\_\_\_

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

SDI ID: \_\_\_\_\_ Type (number from Sheets 4 & 5): \_\_\_\_\_ Age: \_\_\_\_\_

Closest Road Intersection to IMP / BMP: \_\_\_\_\_

Catchment Area Treated (ac) : \_\_\_\_\_ Percentage Catchment Treated: \_\_\_\_\_

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 1 -- Catchment Information (concluded)**

**CATCHMENT SUMMARY**

WQ<sub>v</sub> (provided): \_\_\_\_\_

Re<sub>v</sub> (provided) : \_\_\_\_\_

Area Treated (ac): \_\_\_\_\_

Impervious Area Treated (ac): \_\_\_\_\_

Area Treated (%): \_\_\_\_\_

Impervious Area Treated (%): \_\_\_\_\_

**Comments**

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## UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Municipal Parking Lot Address: Chapel Avenue  
 Site Owner: Prince Georges County  
 State Plane Coordinates of Site Centroid: X: 1374914 Y: 488530 Date: 4/25/03  
 Personnel: PM Weather: overcast, 65F deg  
 Area (ac): 0.6 Impervious Area (ac): 0.4  
 Percent Impervious: 67% Soil Recharge Factor (S): 0.26  
 WQ<sub>v</sub> (required): 0.03 Re<sub>v</sub> (required): 0.01  
 Property Area (ac): 0.7 Property Area Included in Site: 86 %  
 Amount of Catchment Occupied by Site: 75 %

### Storm Drainage System Within Site

Piped: 0% Open Channels: 100% Area Drained by System: 100%  
 Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 100% Other: 100%

### Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  Poor  
 SDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  Poor  
 SDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  Poor

### Site Information

Type of Pavement:  Bituminous  Concrete  Gravel  Grid Pavers  Other \_\_\_\_\_  
 Pavement Condition:  Excellent  Good  Average  Fair  Poor  
 Underdrains can be easily directed to existing storm drains or daylighted:  YES  NO  
 Gutter/Exterior Downspouts Present:  YES  NO  
 Roof Connected Directly to Storm Drain:  YES  NO  
 Roof Drains onto Impervious Surface:  YES  NO  
 Obvious Existing Drainage Problems:  Extensive  Moderate  Average  Limited  None  
 Steep Slopes Present:  Extensive  Moderate  Average  Limited  None  
 Existing Landscaping:  Extensive  Moderate  Average  Limited  None  
 Mature / Specimen Trees:  Extensive  Moderate  Average  Limited  None  
 Area Available for Aboveground BMPs:  Extensive  Moderate  Average  Limited  None  
 Existing Cover of Potential Aboveground BMP Locations:  Grass  Landscaped  Gravel  Other Pervious  
 Pavement  Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information (concluded)**

**Commercial / Institutional**

Islands Present:  YES  NO

Curb Present Around Island:  YES  NO

Ground Level of Island Relative to Pavement:  Above  Equal  Below

Island Landscaping:  Impervious  Bare Earth  Gravel  Grass  Mulch  Herbaceous Plants  Shrubs  
 Trees (<2 in. DBH)  Trees (2 - 6 in. DBH)  Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs  YES  NO

Parking area that can be directed to potential treatment area with little grading: 100%

SITE SUMMARY	
WQ <sub>v</sub> (provided) :	Re <sub>v</sub> (provided):
Area Treated (ac) :	Impervious Area Treated (ac):
Area Treated (%) :	Impervious Area Treated (%):

**Photographs**

- No. 679 Description: looking north across west side of parking lot
- No. 680 Description: looking northeast across south side of parking lot
- No. 681 Description: looking north across east side of parking lot
- No. 682 Description: looking southwest across south side of parking lot
- No. 683 Description: looking west at north side of parking lot
- No. 684 Description: looking southwest at south side of parking lot
- No. \_\_\_\_\_ Description: \_\_\_\_\_

**Comments**

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**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information**



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